

Claims

1. Device (100) to lock first separative elements (8a) which are mounted in a rotatable and/or laterally movable fashion, specifically, doors, windows, partitions, shutters and coverings, which have a base profile (4) which serves to accommodate a support device (2) by which a locking element (14) is retained, which locking element (14) is able to be shifted between an unlock position and lock position in which the locking element (14) engages a receptacle (91) fixed outside base profile (4), wherein the support device (2) is designed as a bearing for a lever (1) in such a way, that the lever (1), which is provided with the locking element (14) and a head-piece (15) enabling operation of the lever (1), is rotatable between at least a first position corresponding to an unlock position and a second position corresponding to the lock position and wherein the lever (1) can detachably be fixed, at least in the first position.

2. Locking device (100) according to claim 1, wherein the lever (1) can detachably be fixed in the second position.

3. Locking device (100) according to claim 1, wherein the support device (2) has a support body (21) which is connected by a shaft (11) to the end-piece (16) of the lever (1) projecting into a recess (22) of the support body (21).

4. Locking device (100) according to claim 3, wherein an elastic element (7), preferably a ball (71, 72) supported by a spring element (73; 74), is provided in at least one opening (23; 24) of the support body (21), which elastic element (7) is pressed, at the first or second position of the lever (1), into a first or second indentation (12) provided in the end-piece (16) of the lever (1).

5. Locking device (100) according to claim 1, wherein the locking element (14), which takes the form of a tappet or pin, is located in the region of the head-piece (15) on the side of the lever (1) facing away from the first separative element (8a).

6. Locking device (100) according to one of claims 1 through 5, wherein the head-piece (15) projects along the longitudinal axis of the base profile (4), and as a result may be captured, and possibly actuated, either manually or by a closing device (3) provided in the base profile (4) of a second separative element (8b).

7. Locking device (100) according to claim 6, wherein the head-piece (15) is designed to be inserted either in the base profile (4) of the second separative element (8b) or in an installation body (31) of the closing device (3), which installation body (31) is provided with a fork (32) to capture the head-piece (15).

8. Locking device (100) according to claim 7, wherein the fork (32) is provided with two, possibly detachable, fork plates (321, 322) which have at least one guide track (320; 320A; 320B) into which guide elements (19) of the head-piece (15) are able to be inserted.

9. Locking device (100) according to claim 8, wherein a ramp-like guide track (320, 320A) is provided designed to receive and move the guide elements (19) of the head-piece (15) therein during the mutual movement of the two separative element (8a, 8b) in such a way that the lever (1) is rotated between the first and the second position; and/or a straight guide track (320B) is provided designed to receive the guide elements (19) of the head-piece (15) whenever the lever (1) is located in the second position.

10. Locking device (100) according to claim 9, wherein the guide tracks (320A, 320B) merge, and are designed such that the guide elements (19) are shifted from the ramp-like guide tracks (320A) to the straight guide tracks (320B), or from the straight guide tracks (320B) to the ramp-like guide tracks (320A).

11. Locking device (100) according to claim 7, wherein in the head-piece (15) and the fork (32) are designed such that the head-piece (15) is able to be inserted into the fork (32) and is rotatable therein in a plane which runs perpendicular to the separative elements (8a, 8b).

12. Locking device (100) according to Claim 11, wherein the head-piece (15) is of a wedge-shaped or spherical form.

13. Locking device (100) according to claim 6, wherein at least the lever (1), the support device (2), or the closing device (3) is provided with a damping element (18; 34).

14. Locking device (100) according to claim 1 being mounted in a lateral, lower or upper base profile (4) of the first separative element (8a) in such a way that the locking element (14) is able to engage a receptacle (91), is provided in the floor (9), on the ceiling, or on the wall of a room.

15. Locking device (100) according to claim 2, wherein means (5) are provided to arrest the lever (1) in the second position.